



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of  
Akihiko Umeno et al.  
Application No.: 10/635,716  
Filing Date: August 7, 2003  
Title: GUIDE WIRE

) **MAIL STOP RCE**  
)  
) Group Art Unit: 3736  
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) Examiner: Michael Apanius  
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) Confirmation No.: 1956  
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**FOURTH  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a FOURTH Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date Apr 18, 2008

By: Matthew L. Schneider  
Matthew L. Schneider  
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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, applicants hereby cite certain documents identified in an Official Action (Notification of Reason for Refusal) issued by the Japanese Patent Office concerning the corresponding Japanese Patent Application No. 2003-156011, in conformance with the provisions of 37 C.F.R. §§1.97 and 1.98. A copy of the Japanese Official Action and an English translation thereof are attached hereto.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the cited documents, other than the U.S. patents and U.S. patent application publications, is enclosed.

Applicants note that one of the documents identified in the Japanese Official Action, i.e., JP 10-118005, was previously cited in and a copy provided with the Third Information Disclosure Statement

The information is submitted before the mailing of a first Office Action after the filing of a Request for Continued Examination under 37 C.F.R. § 1.114. Continued examination is requested and the fee required under 37 C.F.R. § 1.17(e) accompanies the present submission.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: April 18, 2008

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